



Province of British Columbia
Ministry of Health

REPORT ON
DAY CARE SURGERY
1984/1985
DATA SUPPORT
HOSPITAL PROGRAMS

REPORT ON DAY CARE SURGERY

1984/85

BRITISH COLUMBIA

Day care surgical services have been provided as a British Columbia hospital insurance benefit since early 1968. At the time the decision was made for provision of this benefit, there was considerable discussion as to the type of case that would be suitable for coverage and the method of defining acceptable cases and procedures. Serious consideration was originally given to the development of a list of procedures and diagnoses which would be eligible. However, it was felt that such a list would be subject to constant amendment, revision and additions, and hospital clerical personnel would have continuing difficulties interpreting admitting diagnoses and types of procedures against the background of a constantly changing eligible list. It was therefore decided that a broad general definition of what was intended for coverage was a superior method of dealing with the problem.

The definition is based primarily on the assumption that day care surgical services are a compact form of inpatient care, and as such, deserve the same quality control considerations provided to inpatients. The attending physicians in the hospitals are therefore expected to provide a complete medical record for a day care admission, and these records are subject to the usual review taken by the hospital's Medical Records Committee to establish quality control, and also to assist in assessing proper utilization of the program.

The primary group of cases are those elective or nonelective diagnostic and/or treatment procedures requiring the use of hospital facilities and a general anaesthetic. An additional group which are acceptable are those procedures which would normally be carried out under general anaesthesia, but where the attending physician has elected to use local anaesthesia. It is recognized that many physicians are highly proficient in operating under these conditions, and such procedures as repair of hernia, breast biopsy, closed reduction of fractures, etc., while normally performed under a general anaesthetic, would be acceptable if performed under local anaesthesia. A third group of acceptable cases are endoscopic procedures carried out under either local or general anaesthesia. It is felt that hospital facilities are required for cystoscopy, bronchoscopy, esophagoscopy, gastroscopy, etc., and occasionally sigmoidoscopy. Regarding sigmoidoscopy, this procedure does not normally require complete hospital facilities, and is usually performed as a simple office or hospital outpatient service. Occasionally, however, full services of the hospital may be required, and in such cases this endoscopic procedure would then be acceptable. A fourth group of acceptable procedures are those related to certain cosmetic and plastic surgical procedures which may be carried out under a local anaesthetic. While it is not felt that such simple procedures as excision of cysts, removal of warts, toenails, etc., should be removed from their present "minor surgery" classification, it is recognized that certain plastic surgical, ophthalmological, and other procedures on the face do require a degree of care and attention which may call for full operating room and other hospital facilities.

The purpose of this report is to analyse the 1984/85 experience of the program, show the types of procedures performed, and document the growth of day care surgery over the past few years. For comparative purposes, this report should be reviewed with the report on the 1983/84 experience.

Coverage for day care surgery began in February, 1968, and during that initial year of operation, 13,450 procedures were carried out under the program. As indicated below, the number of reported procedures carried out annually has increased significantly over the past 10 years. It should be noted that the figures for the years 1975 and 1976 refer to plan-covered cases only. The totals for the years following 1976 include both plan-covered and non plan-covered cases.

<u>Year</u>	<u>Number of Procedures</u>
1975	60,978
1976	65,672
1977	76,180
1978	82,369
1979/80*	90,120
1980/81	97,085
1981/82	105,944
1982/83	116,958
1983/84	122,244
1984/85	129,636

* change to fiscal period

An analysis of the 1984/85 work load by all hospitals and by operation group is shown in Table 1. The operation groupings in 1984/85 are based on the Canadian Classification of Diagnostic, Therapeutic, and Surgical Procedures used in conjunction with ICD - 9. While they indicate the general areas of surgery, they do not indicate the specific procedures performed. (See Appendix A).

Reports prior to 1979/80 employed the ICDA -8th Revision. Thus, when comparisons are made with the 8th Revision, some caution should be used as a result of the change in the code structure and the Classification.

In order to analyse the work volume by specific procedure, it is necessary to use the full four-digit operation code. This, however, has the disadvantage of being an extremely lengthy breakdown. From an analysis of this data, it was possible to prepare a list of the most common procedures carried out in all hospitals in the province during 1984/85 under the day care program. These are shown in table 2. In order to minimize the number of codes and give a better understanding of the work volume, a few closely related codes were grouped for convenience, but for the most part, the figures in Table 2 do relate to specific procedures. Due to the ranking of procedures according to the 1984/85 day care experience, some of the 1983/84 figures listed in the previous year's table will differ slightly from those recorded in the 1984/85 report. In 1984/85, the total work load represented by the twenty-five most common procedures was 92,761 cases or 71.6% of the total day care surgical load. The table then, gives a fairly good picture of the type of work being carried out on the day care program. Looking at primary (first) procedures only, cystoscopy and urethroscopy procedures were the most common with 10,075 cases followed by 9,726 therapeutic abortion cases. These procedures together with diagnostic dilation and curettage cases accounted for 29,444 cases or 22.7% of the total day care volume. Removal and restoration of teeth ranked fourth in volume with 7,507 cases in 1984/85.

Table 3 shows the number of operations for the same acute care hospitals as in Table 1, together with the number of operations performed on inpatients (based on primary operations only) and relates the day care surgery to the total surgical volume of the hospital. For Vancouver General, Royal Inland, Victoria General, Royal Columbian, and Lions Gate hospitals, the day care surgical volume amounted to over 6,000 cases and was in excess of 29% of the total load. Four additional hospitals with case loads over 4,400 also showed a day care volume in excess of 29% of the total load.

The total acute care hospital inpatient surgical load reported for the province (primary procedures only) was up from 313,785 cases in 1983/84 to 322,637 cases in 1984/85, an increase of 2.8%. During the same period, the total day care surgical case load rose from 122,244 to 129,636, an increase of 6.0%. In total, then, the 1984/85 day care load represented 28.7% of the total surgical load.

In Table 4, the volume of day care surgery is compared with that currently being performed on an inpatient basis. For each of the twenty-five most common procedures, the table shows the corresponding volume of inpatient primary surgical procedures and the proportion of the total load which is done as a day care service. In 1984/85, the day care proportion amounted to 66.4%, recording no change over the previous year.

Table 5 shows the number of day care surgical operations per 1,000 population performed in acute care hospitals according to regional hospital district hospital used, and patient's place of residence. In 1984/85, the number of procedures carried out amounted to 45.2 per 1,000 population.

TABLE 1

REPORT OF DAY CARE SURGICAL CASES BY HOSPITAL AND OPERATION GROUP

FISCAL YEAR 1984/85

HOSP CODE	01-13	14-18	19-20	21-29	30-32	33-41	42-46	47-51	52-53	54-66	67-71	72-76	77-83	84-87	88-96	97	98	99
101	15948	1199	148	2	2557	9	953	269	842	23	1274	970	463	1796	4468	659	154	146
102	5372	1287	95	2	871	19	51	14	95	41	1381	340	94	460	2	291	201	118
103	2130	265	23	2	255	50	215	17	34	11	146	189	137	258	1	142	275	110
105	4792	772	4	412	772	1621	21	72	16	338	65	330	9	217	3	138	2	
106	2073	256	28	157	74	258	12	1	14	173	130	80	531	1	133	87	133	5
109	7102	1200	261	1	98	160	259	270	453	18	904	434	428	921	433	573	224	440
110	2861	250	58	845	293	347	61	16	3	36	161	60	158	407	62	103	1	
111	409	53	4	28	10	37	1	1	2	43	29	14	102	1	55	12	16	1
112	6279	538	192	2	189	226	348	35	24	37	592	550	205	1082	539	1326	233	156
113	385	104	14				5			50	9	41	100	24	26	12		
115	1215	364	25	46	19	13	6	14	3	131	19	33	287	7	151	44	49	4
116	4921	648	161	1	150	294	276	34	19	23	261	102	347	1000	184	778	206	437
121	2901	336	42	166	14	28	26	13	15	132	146	309	514	337	368	145	310	
123	1496	218	2	241		26	4	21	4	343	126	56	66	184	160	42	3	
125	4928	573	692	17	16	191	19	78	11	1033	181	56	715	923	332	41	31	19
128	108	5	5			14	1			1		1	55	14	3	9		
130	2270	282	49	116	52	46	28	3	12	216	95	64	452	361	327	100	66	1
131	2118	528	724	122	4	89	2	5	1	93	48	74	195	59	91	47	33	3
134	900	147	23	1	27	20	89	13	2	32	48	57	155	153	46	85		
136	491	2	11	14	5	100		5	1	12	45	85	121	18	72			
201	152	31	7	17	1	18		1	1	4	6	5	17	18	16	2	8	
202	7354	1525	101	1	213	603	1027	76	48	39	802	257	356	932	56	835	178	305
203	1744	386	140	6	126	160	2	4	6	132	15	80	323	1	277	51	33	2
206	101	25	3			8				5	4	25	12	3	5	9	2	

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FISCAL YEAR 1984/85

HOSP CODE	TOTAL	01-13	14-18	19-20	21-29	30-32	33-41	42-46	47-51	52-53	54-66	67-71	72-76	77-83	84-87	88-96	97	98	99
217	610	144	16		35	33	67	8	1	6	47	17	43	106	19	23	24	21	
301	2346	529	41		38	219	220	25	2	5	171	122	130	289	125	342	45	42	1
302	5086	422	140	2	191	102	184	86	9	16	1545	390	217	928	27	541	122	164	
303	2072	344	50		60	142	304	27	17	9	185	114	105	332	114	171	69	29	
305	81	3	1				3		1		2		10	32		13	6	10	
306	40	1	1				1			2	1	1	2	7		10	7	7	
307	43						10				1		9	8	1	5	4		
308	160	4	8				66				1		21	31		16	6	7	
309	155	2	17		1	1	20			2	3		26	32		19	4	14	14
401	7582	1133	367	1	113	193	799	40	1490	10	397	300	245	875	356	929	170	164	
403	185	21		1			3			1	5	2	24	68		38	13	9	
404	494	130	33	1	1		27		1	1	37	2	70	87	28	47	17	12	
406	924	167	20		33	32	74		1	3	81	7	91	165	46	115	36	53	
408	72	2	2				17							22		17	1	11	
409	72						7						1	35	24	3	1	1	
417	16						3						7	5			1		
501	4990	711	159	2	496	253	518	67	33	11	333	205	168	510	416	884	88	130	6
502	1090	200	30		75	29	214	10		3	90	53	65	159		103	31	28	
504	1088	99				91	452				77	5	17	160	180	2		3	2
505	127	11	11				12				1	2	9	16		57	3	5	
506	591	41	38		25	22	151		3		3	8	70	17		91	60	62	
508	1874	168	121		17	138	218	22	1	2	191	5	116	257	108	406	53	49	2
510	35																		
511	11												31	3				1	

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FISCAL YEAR 1984/85

HOSP CODE	01-13	14-18	19-20	21-29	30-32	33-41	42-46	47-51	52-53	54-66	67-71	72-76	77-83	84-87	88-96	97	98	99	
TOTAL	395	64	1	204	114	219	15	50	6	128	83	127	346	53	281	75	102	6	
601	2269	15		8	59	97	2	1	5	86	33	60	158	4	65	32	25	1	
602	901	64		32	235	173	14	4	16	312	166	212	523	22	322	86	70		
603	3210	16		47	25	21	2	2	4	37	1	53	174	66	93	28	24	5	
604	713	2		2		5													
606	63	2																	
651	901	302	19	1	164	164	9	3	3	56		68	74	80	52	33	36		
654	198	90				1		2	2		1	27	21	7	21	15	11		
701	415	23	19	4	20	109		2	10	3	13	49	60	74	16	13			
702	97	6				6			1		26	40			11	7			
703	4490	851	137	3	68	312	330	98	49	27	365	198	187	658	181	626	247	148	5
704	574	61	17	10	35	73	2	2	73	1	4	96	114	53	15	18			
705	902	122	14		46	132	6	1	97		55	235	52	73	38	31			
708	96	5	2	1	1	34		1			2	30	1	14	2	3			
713	15	2				2					1	1			7		2		
714	115	2		1	5	28		3	2		17	26		5	3	23			
715	57	1			1	16		1			21	9			1	7			
752	114	18	5			18	1		18		27	2	17	2	17	5	2		
753	125	58	4		1	1			2		1	32			22	1	3		
754	97	8	1		1	8		2	2	2	13	34	1	17	3	7			
755	62	2	3	1		3			2		6	32			9		4		
756	1317	325	54	13	140	106	12	4	1	163	52	40	196	22	110	40	39		
801	948	205	27	23	45	39	21	9	6	88	22	5	168	30	163	25	70	2	
802	381	6	6										19		347		3		
803	114	4	1	1	1	5	1	3	2	4	59	5	16	2	7				

TABLE 1

HOSP CODE	REPORT OF DAY CARE SURGICAL CASES BY HOSPITAL AND OPERATION GROUP																	FISCAL YEAR 1984/85		
	TOTAL	01-13	14-18	19-20	21-29	30-32	33-41	42-46	47-51	52-53	54-66	67-71	72-76	77-83	84-87	88-96		97	98	99
804	201	26	2				10				2	2	2	2	71	52	14	14	6	
851	945	177	14		73	62	88	4		6	36	18	84	158	38	84		23	70	10
854	3												3							
901	84	10	2		2	24	17					2	3	12		10				
902	789	124	7	1	22	82	73	5			46	6	73	138	86	73		36	17	
903	607	195	28		2		75		1		37	2	42	135	5	46		12	17	10
906	16	1				3	3				1		4	4						
907	12							1					3							
912	557	159	4		8	11	27		2	1	54	5	12	151	6	73		13	31	
917	454	94	1		6	17	29				10	17	37	123	1	61		16	42	
TOTAL	129636	19724	4400	25	8161	5262	11461	1389	3435	439	12940	5774	6053	18186	9751	14100		3852	4520	164

TABLE 2
THE TWENTY-FIVE MOST COMMON DAY CARE SURGICAL PROCEDURES
BOTH SINGLE AND GROUPED, 1984/85

	ICD - 9 CODES	PROCEDURES	CASES	
			1984/85	1983/84
1.	01.33 - 01.35, 67.85 - 67.87	cystoscopy and urethroscopy, with and without retrograde pyelogram	10,075	10,794
2.	86.41, 86.42, 86.49, 87.00, 87.10, 87.21, 87.29	therapeutic abortion	9,726	10,065
3.	79.00, 79.10, 79.21, 79.22, 79.23, 79.29, 79.30, 80.11, 80.12, 80.19, 81.09	diagnostic dilation and curettage	9,643	10,408
4.	35	removal and restoration of teeth	7,507	6,846
5.	01.02 - 01.09, 01.11 - 01.16	nonoperative endoscopy of respiratory and upper gastrointestinal tract	6,766	7,120
6.	78.21, 78.22, 78.31, 78.32, 78.39, 78.41, 78.42, 78.49, 78.53, 78.59	destruction or occlusion of fallopian tubes	5,004	4,533
7.	32.01, 32.09, 32.10	myringotomy; removal of tympanostomy tube	4,529	4,333
8.	56.81, 56.82, 57.91 - 57.95	biopsy of stomach and intestines	4,265	3,231

TABLE 2 (continued)

	ICD - 9 CODES	PROCEDURES	CASES	
			1984/85	1983/84
9.	97.11, 97.82	Local excision or biopsy of lesion of breast	3,185	2,926
10.	66.83	Laparoscopy	2,918	2,757
11.	98.11, 98.12	removal of lesion of skin and subcutaneous tissue	2,874	2,797
12.	75.64	vasectomy	2,870	2,475
13.	70.10, 70.50	urethral meatotomy, dilation of urethra	2,545	1,939
14.	28.53 - 28.55	excision or destruction of lesion of retina, by photocoagulation	2,378	2,169
15.	33.21 - 33.23, 33.30, 33.40, 33.51, 33.52, 33.59, 33.61, 33.62, 33.71, 33.77, 33.79, 33.91, 33.99, 34.00, 34.10, 34.21, 34.29, 34.31, 34.32, 34.41 - 34.44, 34.51 - 34.53	operations on nose and accessory sinuses	2,176	2,143
16.	94.21, 95.21, 95.22, 95.29	excision of lesion of muscle, tendon and fascia	2,159	2,096
17.	92.32	excision of semilunar cartilage of knee	2,099	1,686

TABLE 2 (continued)

	ICD - 9 CODES	PROCEDURES	CASES	
			1984/85	1983/84
18.	01.22	other nonoperative colonoscopy	1,940	1,651
19.	11.86, 11.89, 90.60 - 90.69	removal of internal and external fixation device	1,701	1,736
20.	17.33	release of carpal tunnel	1,591	1,378
21.	92.85	arthroscopy of knee	1,570	1,860
22.	16.91, 16.92	injection of agent into spinal canal	1,442	923
23.	50.80 - 50.89	selective angiography using contrast material	1,401	1,032
24.	81.01	dilation and curettage following delivery or abortion	1,324	1,147
25.	54.81	biopsy of esophagus	1,073	898
		TOTAL	92,761	88,943
		Percentage of total day care surgical load	71.6	72.8

TABLE 3
VOLUME OF DAY CARE AND INPATIENT SURGERY (PRIMARY PROCEDURES ONLY)
PERFORMED IN ACUTE CARE HOSPITALS, 1984/85

NO.	H O S P I T A L Name	Day Care		Inpatient		Total		% Day Care
		Surgical		Surgical		Surgical		
101	Vancouver General	15,948		23,826		39,774		40.1
102	St. Paul's, Vancouver	5,372		15,219		20,591		26.1
103	St. Vincent's, Vancouver	2,130		2,929		5,059		42.1
104	The Salvation Army Grace, Vancouver	-		8,186		8,186		-
105	Children's, Vancouver	4,792		6,333		11,125		43.1
106	Mount Saint Joseph, Vancouver	2,073		3,921		5,994		34.6
107	A. Maxwell Evans Clinic, Vancouver	-		2,694		2,694		-
109	Royal Columbian, New Westminster	7,102		14,805		21,907		32.4
110	Saint Mary's, New Westminster	2,861		6,645		9,506		30.1
111	Powell River General	409		1,939		2,348		17.4
112	Lions Gate, North Vancouver	6,279		11,431		17,710		35.5
113	St. Mary's, Sechelt	385		1,822		2,207		17.4
115	Langley Memorial	1,215		5,339		6,554		18.5
116	Surrey Memorial	4,921		12,797		17,718		27.8
121	Richmond General	2,901		5,585		8,486		34.2
123	UBC Health Sciences Centre, Vancouver	1,496		7,141		8,637		17.3
125	Shaughnessy, Vancouver	4,928		10,500		15,428		31.9
128	Squamish General	108		475		583		18.5
130	Burnaby Hospital	2,270		10,847		13,117		17.3
131	Peace Arch District, White Rock	2,118		3,455		5,573		38.0
134	Delta Hospital	900		1,820		2,720		33.1
136	Eagle Ridge	491		365		856		57.4
201	Royal Jubilee, Victoria	152		22,358		22,510		0.7
202	Victoria General	7,354		17,343		24,697		29.8
203	Cowichan District, Duncan	1,744		3,357		5,101		34.2
206	Lady Minto Gulf Islands, Ganges	101		294		395		25.6
217	Saanich Peninsula, Saanichton	610		2,382		2,992		20.4
301	Vernon Jubilee	2,346		4,893		7,239		32.4
302	Kelowna General	5,086		11,156		16,242		31.3
303	Penticton Regional	2,072		5,820		7,892		26.3
305	Princeton General	81		346		427		19.0
306	Enderby and District Memorial	40		149		189		21.2
307	Armstrong and Spallumcheen	43		94		137		31.4
308	Summerland General	160		566		726		22.0

TABLE 3 (continued)

NO.	HOSPITAL Name	Day Care Surgical	Inpatient Surgical	Total Surgical	%	Day Care
309	South Okanagan General, Oliver	155	796	951	16.3	
401	Royal Inland, Kamloops	7,582	11,054	18,636	40.7	
402	Queen Victoria, Revelstoke	-	945	945	-	
403	Nicola Valley General, Merritt	185	726	911	20.3	
404	Shuswap Lake General, Salmon Arm	494	1,419	1,913	25.8	
405	St. Bartholomew's, Lytton	-	21	21	-	
406	Cariboo Memorial, Williams Lake	924	2,315	3,239	28.5	
408	Ashcroft and District General	72	301	373	19.3	
409	Golden and District General	72	413	485	14.8	
417	Lillooet District	16	367	383	4.2	
419	Dr. Helmcken Memorial, Clearwater	-	215	215	-	
501	Nanaimo Regional General	4,990	7,652	12,642	39.5	
502	St. Joseph's General, Comox	1,090	3,556	4,646	23.5	
504	Cumberland General*	1,088	-	1,088	100.0	
505	Chemainus General	127	318	445	28.5	
506	Ladysmith and District General	591	466	1,057	55.9	
507	St. George's, Alert Bay	-	360	360	-	
508	Campbell River and District General	1,874	3,036	4,910	38.2	
510	Port Hardy	35	40	75	46.7	
511	Port McNeill and District	11	56	67	16.4	
601	Chilliwack General	2,269	4,374	6,643	34.2	
602	Mission Memorial	901	2,450	3,351	26.9	
603	Matsqui-Sumas-Abbotsford General	3,210	4,530	7,740	41.5	
604	Maple Ridge	713	3,054	3,767	18.9	
606	Fraser Canyon, Hope	63	197	260	24.2	
651	Kootenay Lake District, Nelson	901	2,267	3,168	28.4	
652	Slocan Community, New Denver	-	25	25	-	
653	Victorian, Kaslo	-	55	55	-	
654	Creston Valley	198	1,130	1,328	14.9	
655	Arrow Lakes, Nakusp	-	522	522	-	
701	Fort St. John General	415	2,219	2,634	15.8	
702	St. John, Vanderhoof	97	972	1,069	9.1	
703	Prince George Regional	4,490	9,970	14,460	31.1	
704	Dawson Creek and District	574	2,954	3,528	16.3	
705	G.R. Baker Memorial, Quesnel	902	2,339	3,241	27.8	

* Outpatient Clinic

TABLE 3 (continued)

NO.	HOSPITAL Name	Day Care			Inpatient		Total		% Day Care
		Surgical	Medical	Other	Surgical	Medical	Surgical	Medical	
707	Burns Lake and District	-	-	-	386	-	386	-	-
708	100 Mile District General	96	-	-	689	-	785	-	12.2
713	McBride and District	15	-	-	191	-	206	-	7.3
714	Fort Nelson General	115	-	-	397	-	512	-	22.5
715	Mackenzie and District	57	-	-	240	-	297	-	19.2
716	Chetwynd General	-	-	-	924	-	924	-	-
717	Stuart Lake, Fort St. James	-	-	-	168	-	168	-	-
752	Kimberley and District	114	-	-	823	-	937	-	12.2
753	Fernie District	125	-	-	1,064	-	1,189	-	10.5
754	Sparwood General	97	-	-	587	-	684	-	14.2
755	Wendmere District, Invermere	62	-	-	247	-	309	-	20.1
756	Cranbrook and District	1,317	-	-	2,541	-	3,858	-	34.1
801	Trail Regional	948	-	-	4,054	-	5,002	-	19.0
802	The Mater Misericordiae, Rossland	381	-	-	291	-	672	-	56.7
803	Boundary, Grand Forks	114	-	-	677	-	781	-	14.6
804	Castlegar and District	201	-	-	862	-	1,063	-	18.9
851	West Coast General, Port Alberni	945	-	-	2,122	-	3,067	-	30.8
854	Tofino General	3	-	-	133	-	136	-	2.2
858	C.F. Station Hospital, Holberg, San Josef	-	-	-	1	-	1	-	-
859	Port Alice	-	-	-	30	-	30	-	-
861	Tahsis	-	-	-	13	-	13	-	-
901	Wrinch Memorial, Hazelton	84	-	-	457	-	541	-	15.5
902	Prince Rupert Regional	789	-	-	1,964	-	2,753	-	28.7
903	Bulkley Valley District, Smithers	607	-	-	1,251	-	1,858	-	32.7
904	R.W. Large Memorial, Waglisla	-	-	-	171	-	171	-	-
906	Bella Coola General	16	-	-	174	-	190	-	8.4
907	Queen Charlotte Islands General	12	-	-	111	-	123	-	9.8
910	Stewart General	-	-	-	17	-	17	-	-
912	Mills Memorial, Terrace	557	-	-	2,419	-	2,976	-	18.7
916	Cassiar	-	-	-	30	-	30	-	-
917	Kitimat General	454	-	-	1,578	-	2,032	-	22.3
918	C.F. Station Hospital, Massett	-	-	-	89	-	89	-	-
	TOTAL	129,636	-	-	322,637	-	452,273	-	28.7

TABLE 4

THE TWENTY-FIVE MOST COMMON DAY CARE SURGICAL PROCEDURES
AND CORRESPONDING INPATIENT SURGICAL PROCEDURES (PRIMARY ONLY)
PERFORMED IN ACUTE CARE HOSPITALS, 1984/85

	ICD - 9 CODES	DAY CARE	INPATIENT	TOTAL	% DAY CARE	
					1984/85	1983/84
1.	01.33, 01.34, 01.35, 67.85, 67.86, 67.87	10,075	8,275	18,350	54.9	56.8
2.	86.41, 86.42, 86.49, 87.00, 87.10, 87.21, 87.29	9,726	1,859	11,585	84.0	85.9
3.	79.00, 79.10, 79.21, 79.22, 79.23, 79.29, 79.30, 80.11, 80.12, 80.19, 81.09	9,643	3,599	13,242	72.8	74.2
4.	35.01, 35.09, 35.11, 35.19, 35.20, 35.30, 35.41, 35.42, 35.43, 35.49, 35.50, 35.60, 35.71, 35.72, 35.73, 35.74	7,507	1,624	9,331	80.5	82.1
5.	01.02, 01.03, 01.04, 01.05, 01.06, 01.07, 01.08, 01.09, 01.11, 01.12, 01.13, 01.14, 01.15, 01.16	6,766	3,504	10,270	65.9	65.8
6.	78.21, 78.22, 78.31, 78.32, 78.39, 78.41, 78.42, 78.49, 78.53, 78.59	5,004	1,957	6,961	71.9	70.3

TABLE 4 (continued)

	ICD - 9 CODES	DAY CARE	INPATIENT	TOTAL	% DAY CARE	
					1984/85	1983/84
7.	32.01, 32.09, 32.10	4,529	526	5,055	89.6	88.2
8.	56.81, 56.82, 57.91, 57.92, 57.93, 57.94, 57.95	4,265	1,901	6,166	69.2	68.3
9.	97.11, 97.82	3,185	1,065	4,250	74.9	73.3
10.	66.83	2,918	1,708	4,626	63.1	63.3
11.	96.11, 98.12	2,874	1,966	4,842	59.4	60.4
12.	75.64	2,870	244	3,114	92.2	93.1
13.	70.10, 70.50	2,545	1,075	3,620	70.3	69.6
14.	28.53, 28.54, 28.55	2,378	700	3,078	77.3	85.3
15.	33.21, 33.22, 33.23, 33.30, 33.40, 33.51, 33.52, 33.59, 33.61, 33.62, 33.71, 33.72, 33.73, 33.74, 33.75, 33.76, 33.77, 33.79, 33.91, 33.99, 34.00, 34.10, 34.21, 34.29, 34.31, 34.32, 34.41, 34.42, 34.43, 34.44, 34.51, 34.52, 34.53	2,176	4,313	6,489	33.5	35.4
16.	94.21, 95.21, 95.22, 95.29	2,159	461	2,620	82.4	82.3
17.	92.32	2,099	1,657	3,756	55.9	49.6

TABLE 4 (continued)

	ICD - 9 CODES	DAY CARE	INPATIENT	TOTAL	% DAY CARE	
					1984/85	1983/84
18.	01.22	1,940	1,447	3,387	57.3	54.5
19.	11.88, 11.89, 90.60, 90.61, 90.62, 90.63, 90.64, 90.65, 90.66, 90.67, 90.68, 90.69	1,701	1,435	3,136	54.2	55.4
20.	17.33	1,591	523	2,114	75.3	73.2
21.	92.85	1,570	761	2,331	67.4	67.8
22.	16.91, 16.92	1,442	624	2,066	69.8	61.1
23.	50.80, 50.81, 50.82, 50.83, 50.84, 50.85, 50.86, 50.87, 50.88, 50.89	1,401	2,316	3,717	37.7	30.2
24.	81.01	1,324	2,769	4,093	32.3	28.5
25.	54.81	1,073	330	1,403	76.5	76.2
	TOTAL	92,761	46,841	139,602	66.4	66.4

TABLE 5

DAY CARE SURGICAL PROCEDURES (PRIMARY) PER 1,000 POPULATION
BY PATIENT'S PLACE OF RESIDENCE AND
BY REGIONAL HOSPITAL DISTRICT HOSPITAL USED, 1984/85

Regional Hospital District No.	Name	Population Estimate 1984/85	Surgical Procedures		Procedures Per 1,000 Population	
			Residence	Hospital	Residence	Hospital
1.	Alberni-Clayoquot	32,229	1,390	948	43.1	29.4
2.	Bulkley-Mechako	39,808	1,266	704	31.8	17.7
3.	Capital	259,606	7,833	8,217	30.2	31.7
4.	Cariboo	62,112	2,774	1,922	44.7	30.9
5.	Central Coast	3,299	64	16	19.4	4.8
6.	Central Fraser Valley	127,857	6,201	4,425	48.5	34.6
7.	Central Kootenay	53,125	2,146	1,300	40.4	24.5
8.	Central Okanagan	89,181	4,486	5,086	50.3	57.0
9.	Columbia-Shuswap	41,905	1,584	566	37.8	13.5
10.	Comox-Strathcona	73,135	3,940	4,052	53.9	55.4
11.	Cowichan Valley	54,790	3,012	2,462	55.0	44.9
12.	Dewdney-Alouette	66,118	2,943	1,614	44.5	24.4
13.	East Kootenay	57,787	1,704	1,715	29.5	29.7
14.	Fraser-Cheam	58,798	2,909	2,332	49.5	39.7
15.	Fraser-Fort George	91,494	4,029	4,562	44.0	49.9
16.	Greater Vancouver	1,219,754	58,583	66,582	48.0	54.6
17.	Kitimat-Stikine	43,392	1,269	1,095	29.2	25.2
18.	Kootenay-Boundary	34,213	1,220	1,443	35.7	42.2
19.	Mount Waddington	15,708	654	46	41.6	2.9
20.	Nanaimo	82,826	4,491	4,990	54.2	60.2
21.	North Okanagan	57,282	2,551	2,429	44.5	42.4
22.	Okanagan-Similkameen	60,485	2,778	2,468	45.9	40.8
23.	Peace River-Liard	58,853	1,319	1,104	22.4	18.8
24.	Powell River	19,017	661	409	34.8	21.5
25.	Skeena-Queen Charlotte	24,661	917	801	37.2	32.5
26.	Squamish-Lillooet	20,169	870	124	43.1	6.1
27.	Stikine	1,951	22	-	11.3	-
28.	Sunshine Coast	16,631	716	385	43.1	23.1
29.	Thompson-Nicola	104,493	6,775	7,839	64.8	75.0
TOTAL		2,870,699	129,107	129,636	45.0	45.2
Nonresidents			529		0.2	
TOTAL			129,636		45.2	

BRITISH COLUMBIA

Acute Care Hospitals

101	Vancouver General	303	Penticton Regional
102	St. Paul's, Vancouver	305	Princeton General
103	St. Vincent's, Vancouver	306	Enderby and District Memorial
104	The Salvation Army Grace, Vancouver	307	Armstrong and Spallumcheen
105	Children's, Vancouver	308	Summerland General
106	Mount Saint Joseph, Vancouver	309	South Okanagan General, Oliver
109	Royal Columbian, New Westminster	401	Royal Inland, Kamloops
110	Saint Mary's, New Westminster	402	Queen Victoria, Revelstoke
111	Powell River General	403	Nicola Valley General, Merritt
112	Lions Gate, North Vancouver	404	Shuswap Lake General, Salmon Arm
113	St. Mary's, Sechelt	405	St. Bartholomew's, Lytton
115	Langley Memorial	406	Cariboo Memorial, Williams Lake
116	Surrey Memorial	408	Aschcroft and District General
121	Richmond General	409	Golden and District General
123	UBC Health Sciences Centre	417	Lillooet District
125	Shaughnessy, Vancouver	419	Dr. Helmcken Memorial, Clearwater
128	Squamish General	501	Nanaimo Regional General
130	Burnaby Hospital	502	St. Joseph's General, Comox
131	Peace Arch District, White Rock	504	Cumberland General*
134	Delta Hospital	505	Chemainus General
136	Eagle Ridge, Port Moody	506	Ladysmith and District General
201	Royal Jubilee, Victoria	507	St. George's, Alert Bay
202	Victoria General	508	Campbell River and District General
203	Cowichan District, Duncan	510	Port Hardy
206	Lady Minto Gulf Islands, Ganges	511	Port McNeill and District
217	Saanich Peninsula, Saanichton	601	Chilliwack General
301	Vernon Jubilee	602	Mission Memorial
302	Kelowna General	603	Matsqui-Sumas-Abbotsford General

* Outpatient Clinic

Acute Care Hospitals (continued)

604	Maple Ridge	755	Windermere District, Invermere
606	Fraser Canyon, Hope	756	Cranbrook and District
651	Kootenay Lake District, Nelson	801	Trail Regional
652	Slocan Community, New Denver	802	The Mater Misericordiae, Rossland
654	Creston Valley	803	Boundary, Grand Forks
655	Arrow Lakes, Nakusp	804	Castlegar and District
701	Fort St. John General	851	West Coast General, Port Alberni
702	St. John, Vanderhoof	854	Tofino General
703	Prince George Regional	859	Port Alice
704	Dawson Creek and District	861	Tahsis
705	G.R. Baker Memorial, Quesnel	901	Wrinch Memorial, Hazelton
707	Burns Lake and District	902	Prince Rupert Regional
708	100 Mile District General	903	Bulkley Valley District, Smithers
713	McBride and District	904	R.W. Large Memorial, Waglisla
714	Fort Nelson General	906	Bella Coola General
715	MacKenzie and District	907	Queen Charlotte Islands General
716	Chetwynd General	910	Stewart General
717	Stuart Lake, Fort St. James	912	Mills Memorial, Terrace
752	Kimberley and District	916	Cassiar
753	Fernie District	917	Kitimat General
754	Sparwood General		

APPENDIX A

CANADIAN CLASSIFICATION OF
DIAGNOSTIC, THERAPEUTIC, AND SURGICAL PROCEDURES
USED IN CONJUNCTION WITH THE ICD-9

<u>Operation Group</u>	<u>Code</u>
Certain Diagnostic and Therapeutic Procedures	01 - 13
Operations on the Nervous System	14 - 18
Operations on the Endocrine System	19 - 20
Operations on the Eyes	21 - 29
Operations on the Ears	30 - 32
Operations on the Nose, Mouth, and Pharynx	33 - 41
Operations on the Respiratory System	42 - 46
Operations on the Cardiovascular System	47 - 51
Operations on the Hemic and Lymphatic Systems	52 - 53
Operations on the Digestive System and Abdominal Region	54 - 66
Operations on the Urinary Tract	67 - 71
Operations on the Male Genital Organs	72 - 76
Operations on the Female Genital Organs	77 - 83
Obstetrical Procedures	84 - 87
Operations on the Musculoskeletal System	88 - 96
Operations on the Breast	97
Operations on Skin and Subcutaneous Tissue	98
Procedures Not Elsewhere Classified	99